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IX

DESCRIPTION OF A NEW SPECIES OF PERO FROM CALIFORNIA

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Pero vanduzeeata, new species

Alar expanse 46 mm. (measurement made from center of thorax to apex of each wing and added).

Head black with tinges of brown; thorax mouse-colored; abdomen gray with black cross-stripes dorsally at the joints; palpi concolorous with the head; antennæ brown, slightly lighter in color than the head.

Above: Primaries rather sordid-white ground-color; basal area to first line black, preceded by a fine white hair line perpendicular to costa, or nearly so, at one-third from base, which after reaching the cell, curves rather broadly to median vein whence it runs in a straight course to inner margin at the middle; whole line subcrenulate, with a rather sharp outward bend between vein I and inner margin. Median area black, with little of the ground-color apparent, a little wider on costa than distance from base to first line, rather suddenly narrowing below the cell to half the costal width. Second line black, rather broadly sinuate with fine white hair-line beyond. Terminal space somewhat lighter than basal area, broken into two rather indefinite bands, the outer darker and having a rounded inner edge commencing just below the apex and sweeping to anal angle; a dark patch of same color on inner margin between anal angle and second line. Discal dot white, linear, transverse, and slightly angled in the center. Secondaries sordid white, heavily sprinkled with black. Discal dot black, faintly apparent.

Cross-line dark, with white hair line outwardly, strongly sinuous from just within the anal angle in a generally straight course to a little less than one-third in from apex.

Beneath: Primaries smoky with scattered black atoms along the costa and on the disk; white discal dot conspicuous. Secondaries: as above, but a little lighter; discal dot more conspicuous, cross-line less so.

This species is quite remarkable for the almost absolute absence of brown color. In only one of the three specimens before me is there any indication of other color than black and white, except as stated. Paratype No. a, shows slight tinges of rufous in the outer area of the primaries both above and below. In this specimen the median area expands a little on the inner margin. Paratype No. b, has more the appearance of *behrensarius* Grossbeck.

The species is closely related to *behrensarius* Grossbeck, and may prove to be a form or race of that species. Its greater expanse and general lack of brown color seem to set it apart and make it worth a name.

It is through the courtesy of Mr. E. P. Van Duzee that I am privileged to describe this species, and a sense of gratitude prompts me to dedicate this new species to him.

Holotype, male, No. 746, Mus. Calif. Acad. Sci.; E. P. Van Duzee collector, July 9, 1919.

Paratypes, male, a, Mus. Calif. Acad. Sci., collected at Huntington Lake, Calif., July 20, 1919, by E. P. Van Duzee, and male, b, collection of W. S. Wright, collected at Mt. Lowe, Calif., July 11, 1918, by E. Piazza.

Type locality, Huntington Lake, Calif.